

ABSTRACT

A magnet (13) for trapping abraded powder is disposed in a connecting passage between an opening of a sleeve and an 5 opening of a hydrodynamic bearing motor, and a shaft (3), a sleeve (4), a thrust flange (7), and a thrust main plate (5) are made of an austenitic stainless. With this configuration, since the austenitic stainless acting as a nonmagnetic substance is used, it is possible to increase a degree of cleaning. 10 Further, abraded powder of the austenitic stainless is transformed into a magnetic substance, and thus a flow of the abraded powder to the outside can be prevented by providing the magnet for trapping abraded powder in the connecting passage between an opening of a bearing and the outside of the motor.